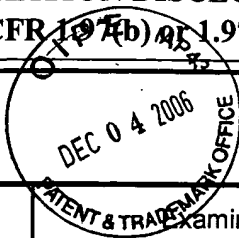


**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
1000-1216

In Re Application Of: Alex Nugent



Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/748,631	12/03/2003	Tran, Mai T.		2129	7487

Title: **APPLICATION OF HEBBIAN AND ANTI-HEBBIAN LEARNING TO NANOTECHNOLOGY-BASED PHYSICAL NEURAL NETWORKS**

Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**37 CFR 1.97(b)**

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☒ the fee set forth in 37 CFR 1.17(p).

12/04/2006 SDENBOB1 00000019 10748631

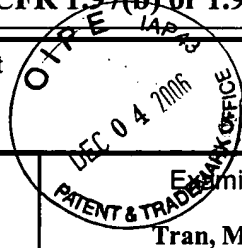
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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
1000-1216

In Re Application of: Alex Nugent



Application No. 10/748,631	Filing Date 12/03/2003	Examiner Tran, Mai T.	Customer No.	Group Art Unit 2129	Confirmation No. 7487
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Title: **APPLICATION OF HEBBIAN AND ANTI-HEBBIAN LEARNING TO NANOTECHNOLOGY-BASED PHYSICAL NEURAL NETWORKS**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☒ A check in the amount of **\$130.00** is attached.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below.
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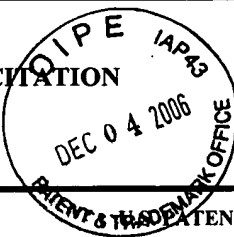
Dated: November 30, 2006

Kermit Lopez  
Registration No. 41,953  
ORTIZ & LOPEZ, PLLC  
Patent Attorneys  
P.O. Box 4484  
Albuquerque, NM 87196-4484

CC:

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)  
1000-1216

Application Number  
10/748,631

Applicant(s)  
Alex Nugent

Filing Date  
12/30/2003

Group Art Unit  
2129

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,282,530	8/28/2001	Huang; Shi-Fong	706	41	6/9/1999

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		EP 1 069 206 A2	1/17/2001	European Patent Office	C23C	16/26	✓	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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		A. Bezryadin et al., "Evolution of Avalanche Conducting States in Electrorheological Liquids" Department of Physics and Division of Engineering and Applied Sciences, Harvard University, Cambridge, MA; Oct. 21, 1998, pp. 1-15

EXAMINER

DATE CONSIDERED

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**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*

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**1000-1216**

Application Number

**10/748,631**

Applicant(s)

**Alex Nugent**

Filing Date

**12/30/2003**

Group Art Unit

**2129****\*EXAMINER**

INITIAL

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*Yamamoto, et al. "Rapid Communication Orientation and Purification of Carbon Nanotubes Using AC Electrophoresis"  
J. Phys. D: Phys. 31 (1998) L34-L36

A. Van Schaik, "Building Blocks for Electronic Spiking Neural Networks"; Neural Networks 14 (2001); pp. 617-628

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**EXAMINER****DATE CONSIDERED****\*EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.